AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
J	1 of 4

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO.(If applicable)
0003	17-Sep-2003	W16ROE-3203-8775	

6. ISSUED BY CODE DACW51

USA ENGINEER DISTRICT, NEW YORK
ATTN: CENAN-CT ROOM 1843
26 FEDERAL PLAZA (DACW51)
NEW YORK NY 10278-0090

7. ADMINISTERED BY (If other than item 6) CODE

OFC ENGR & SPEC PROJ TEAM
USACOE-NY DISTRICT ENGR MGT BR/OFC ENGR&S
NEW YORK NY 10278-0090

8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)

CODE FACILITY CODE

X	9A. AMENDMENT OF SOLICITATION NO. DACW51-03-B-0019
X	9B. DATED (SEE ITEM 11) 22-Aug-2003
	10A. MOD. OF CONTRACT/ORDER NO.
	10B. DATED (SEE ITEM 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[X] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer [ ] is extended, [X] is not extended.

Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning 1 copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

[ ] A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

[ ] B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).

[ ] C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

[ ] D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [ ] is not, [ ] is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this amendment is to incorporate the following changes:

1) Incorporate revisions to specifications, section 00800, section 02221, and section 02300.
2) Incorporate replacement drawings for sheets 18, 19, 20, 21, 22, 23, 25 and 34.
3) To incorporate submitted questions and answers by the government. Answers posted are for informational purposes only. The bid opening date remains 16 October 2003 at 1:30 PM.

All other terms remain unchanged as a result of this amendment.

Note: Bidders must acknowledge receipt of this amendment by the date specified in the solicitation (or as amended) by one of the following methods: In the space provided on the SF1442, by separate letter, or by telegram, or by signing the block 15 below. FAILURE TO ACKNOWLEDGE AMENDMENTS BY THE DATE AND TIME SPECIFIED MAY RESULT IN REJECTION OF YOUR BID IN ACCORDANCE WITH THE LATE BID, LATE MODIFICATIONS OF BIDS OR LATE WITHDRAWAL OF BIDS (FAR 14.304)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
	TEL: EMAIL:

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	17-Sep-2003

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been added by full text:

AMENDMENT 0003

AMENDMENT NO. 3 TO SPECIFICATIONS FOR GREEN BROOK SUB BASIN OF THE RARITAN RIVER GREEN BROOK FLOOD CONTROL PROJECT SEGMENT U BOROUGH OF BOUND BROOK NEW JERSEY

TO BIDDERS

1. Specifications
    a. Section 00800 delete paragraph 1 f. Site Description and Soil and Groundwater Chemistry Characterization sub-paragraph 1) Site Information in its entirety without replacement.
    b. Section 02221 page 2 Part 3 Execution paragraph 3.1 CLEARING AND GRUBBING. Change first sentence to read:
        Clearing and grubbing is specified in Section 02331 Levee Construction.
    c. Section 02300 Replace Paragraph 3.9.2.1 Subgrade for Pavements with new Paragraph 3.9.2.1 furnished with this amendment.

2. Drawings:
    a. Replace Sheets 18, 19, 20, 21, 22, 23, 25 and 34 with new Sheets 18, 19, 20, 21, 22, 23, 25 and 34 furnished with this amendment.

Questions and Answers (For Information Only)

With respect to Question 1 below: Plan sheet no. 29 shows a stream crossing running approximately north-south through the contractors access road. This might be applicable to spec. section 00904 items nos. 2, 37c, 11, etc.
Plan sheet no. 29 shows the need for "Conduit Outlet Protection" from the flow through the proposed 18" RC pipe.
Plan sheet no. 32 depicts the "Stream Crossing Through Stabilized Construction Entrance"
The stream crossing work appears to be temporary as the stone and pipe work does not remain (i.e., work is absent from plan drawing nos. 5 and 38). That is, the stone, pipe and rip rap are removed, and the area is restored to pre-construction conditions.
The stream crossing work might be covered by the General NJDEP permit shown on plan sheet no. W2.

Question 1: Typically, conduit outlet protection is used for permanent installations for flow through "outlets" such as flared end sections, headwalls, wingwalls, etc., but the plans do not show any structures to the 18" RC pipe. Is (are) an outlet structure(s) required?

Response 1: No, the standards do not require outlet structures just outlet protection.

Question 2: The outlet protection and 18" RC piping are somewhat more applicable to permanent stabilization requirements; wouldn't a temporary culvert (say 18" CMP (steel) with end sections and hay bales/ditch check be more suitable for use for the access/haul road than 18" RCP and conduit outlet protection?

Response 2: According to the manufacturer's literature when the CMP pipe is subject to heavy construction loads greater protection is necessary, than when compared to normal highway traffic. A minimum of three feet of cover is required for the construction loads. Due to this cover requirement, a concrete pipe was used to keep the cover to a minimum. The outlet protection cannot be replaced by end sections and hay bales. The standards require that an outlet protection apron be used.

Question 3: Sheet no. 25 details a "Parking Lot Paving Section" Where is this section applicable? Perhaps, along the replaced curb to the westerly access ramp? Any other location?

Response 3: The parking lot paving section is to be used at Drainage Structure # 5, where pavement must be removed to excavate for the new manhole. A note has been added to Sheet 25.

Question 4: Plan sheet no. 25 shows that the Shoprite driveway is 28 feet in width (i.e., 13 + 15); plan sheet no. 33 shows the width in the "Typical road section" to be 30 feet in width (15 + 15). Please clarify.

Response 4: Clarification: The Shop Rite driveway is 30 feet in width (two 15-foot sections). The detail on Sheet 25 has been corrected.

Question 5: What is the limit and extent of curb replacement along Tea Street at Cedar Crest Drive, if any. Plan sheet 29 shows to "depress curb", but plan sheet 34 doesn't show any curb work for Tea Street, nor Cedar Crest Drive. Please clarify.

Response 5: Depressed curb is required at Route 22 and at Tea Street, as well as the emergency driveway which connects the Shop Rite Driveway to Tea street. Notes have been added to sheets 25 and 34.

Question 6: Topsoil and vegetative stripping are to be performed to a depth of 12" per specification section 02331 article 1.3.3, and as verified by what is shown by drawing sheet nos. 8,9,10 and 36.

However, article 3.1 indicates that grubbing is performed to the depth of 3 feet (36"); grubbing is typically to a depth of three inches for removal of surface vegetative growth, and not three feet. It is understood that clearing will include tree removal and root raking. Please advise as to whether or not the specifications want three foot htickness of existing soils grubbed & removed, or not. Grubbing three feet will have a significant impact on cost.

Response 6: The specifications are correct, grubbing would be to 3 feet. This does not mean to remove the soil down to 3 feet, but to remove roots and other vegetation down to 3 feet so that nothing will deteriorate or grow within the levee, possibly leaving voids.

Question 7: As to be consistent with other similar, profiles, it is assumed for area sections at stations 23+91.42 and at 23+56, on the easterly side of the flood wall, that the soils backfilling the wall are applicable to legend key #7 – "compacted common fill". The designation was not shown on these two end area stations.

Response 7: Clarification: Compacted Common Fill – Item No. 7, is to be used to backfill the Protected (Easterly) side of the floodwall.

Question 8: The specification for the "levee clay" embankment fill lists various material types, and appears to set a minimum lean clay content of 30%. However, no sieve size gradation is provided for gravel and sand size components.

Some of the prospective suppliers have indicated that they may not be able to quote without a detailed gradation requirements for the embankment fill

Note that this material is either obtained via borrow pit which is most likely because of the volume required, or imported from outside the site sources. With 15% shrinkage, imported materials would exceed approx. 16,000 CY.

Response 8: We do not want to specify a gradation for the gravel or sand of the embankment fill. This would increase the cost of the material since there would be a large quantity to be place within the levee section. Many fills would be prohibited or restricted by the specify gradation. The Contractor is suppose obtain a fill that would contain a fairly high percentage of silt or lean clay. The percentage of lean clay (CL) can be as low as 30% which would

shrink to cause an increase in volume to be placed within the levee. The contractor should note in the specs. that fill material should be of a consistency to be compacted to 90% maximum density which can include gravel and sand.

3. This Amendment shall be attached to the specifications and shall be a part thereof.

(End of Summary of Changes)

Section 02300
3.9.2.1 Subgrade for Pavements
Percentage of Laboratory Maximum Density Require

Cohesive Materials	Cohesionless Materials
90	95

Subgrade for pavements shall be compacted to at least 95 percentage laboratory maximum density for the depth below the surface of the pavement shown. When more than one soil classification is present in the subgrade, the top 6 inches of subgrade shall be scarified, windrowed, thoroughly blended, reshaped, and compacted.